

ABB to share its flow measurement expertise at forthcoming factory open day

ABB Measurement & Analytics to hold open day at its Stonehouse factory to demonstrate its flow testing facility and expertise for industrial flow measurement applications

ABB Measurement & Analytics will be holding an open day at its Stonehouse factory on the 25th March to share its expertise on flow measurement and calibration. Free to attend, the event is open to anyone involved in the specification, operation and maintenance of flowmetering equipment and will cover a variety of areas relating to flow measurement and calibration.

Starting at 9:30am, the day will begin with a session on *Flow Calibration*. Flow Calibration Consultant, Dr. Bryan Franklin, will present the three main flow calibration methods including Comparison, Volumetric and Gravimetric. He will explain the advantages and associated issues of each technique, advising on the best technique to use for specific requirements.

Getting the best from your flow measurement will describe how to achieve optimum performance and reduced measurement uncertainty through correct flowmeter selection and installation. ABB's Flow Design and Development Manager, Dr. Ray Keech, will cover the key factors to consider and will show how the integrity and accuracy of a flowmeter can be further enhanced by carrying out in-situ verification.

These sessions will be followed by a tour of the Stonehouse flowmeter manufacturing facility and ABB's UKAS accredited flow calibration rig. The largest of its kind in Europe, the rig can be used to test meters up to 2.2 metres in diameter. The tour will also show how the rig can be used to test control valves by simulating a customer's real-life process conditions.

Two further sessions will follow after lunch. *Valve testing EN ISO 60534-2-3* will cover the why, how and key benefits of testing valves to EN ISO 60534-2-3. ABB's Service Manager, Joe Fudge, will outline the requirements of the standard and will explain the reasons for wet testing valves.

The final session, *Process flow measurement*, will see ABB's Flow Product Specialist, David Bowers presenting on the key features and advantages of the latest process flow technologies. The presentation will also cover ABB's new generation flowmeters, including the FCB300 CoriolisMaster, SwirlMaster and VortexMaster, which offers enhanced flow calculation capability for integral mass and energy computation.

As a manufacturer and supplier of a wide range of flow measurement technologies for utility and process applications, ABB Measurement & Analytics is well-positioned to offer support and advice on all areas of flowmeter selection, installation, operation and maintenance.

To register your interest in the free event, please email training@gb.abb.com or call 01785 285939, ref. 'Flow measurement open day'.

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Caption: The largest flow calibration rig in Europe is located at Stonehouse.

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